



PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiroyuki KANEMITSU

Application No.: 09/717,228

Filed: November 22, 2000

For: BROADCAST RECEIVING
APPARATUS

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) Group Art Unit: 2611
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) Examiner: Victor R. Kostak
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Commissioner for Patents
Washington, DC 20231

Sir:

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APPENDIX TO AMENDMENT

IN THE SPECIFICATION:

Page 1, please replace the last full paragraph with the following new paragraph:

One digital broadcast receiving and reproducing apparatus equipped with a sound recording function is disclosed in Japan Patent Laid-Open Pub. No. Hei 11-177511. All music received is temporarily recorded. Then, when the user issues a designation of recording, the recording of a designated song is determined. It is thereby possible to avoid [a] recording errors or failure stemming from an inadvertent mistake, such as a user forgetting to program the recording operation prior to the start of a broadcast.

Page 1, replace the last paragraph bridging page 2 with the following new paragraph:

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It is, however, possible for broadcast recording to fail, even if no mistakes have been made. For example, variations in the status of reception may lead to data being lost, thereby rendering the recording defective. A receiving apparatus equipped with a function also providing appropriate measures against this type of failure in recording is therefore desired. Presently, however, recording management relies on a user's own memory. If a recording has once failed, the user must remember to seek and record the same broadcast content later.

Page 4, please replace the last full paragraph with the following new paragraph:

According to the present invention, when the attempted recording of broadcast content has failed, the incidental information is used as a basis for searching for an alternative broadcast content providing the same content. For example, a search is made for a rebroadcast of the program [of which recording], the recording of which ended in failure. In another example, a search is made for another [broadcast of song] music broadcast, the recording of which ended in failure. Promotion of recording of such alternative broadcast content enables restoration of a failed recording.

Page 5, replace the first and second full paragraphs with the following new paragraphs:

According to a second aspect of the present invention there is provided a broadcast receiving apparatus comprising reception means receiving broadcast content and incidental information allowing identification of the broadcast content; record means recording the broadcast content received; and linkage processing means linking

together, when recording of a broadcast content has ended in failure, broadcast content that is positioned immediately before and after the broadcast content [of which recording], the recording of which has ended in failure, by use of the incidental information.

According to the present invention, two broadcast content is linked together that are positioned immediately anterior and posterior to a broadcast content [of which recording], the recording of which has ended in failure. For example, upon the recording of a music program, data on a failingly recorded song are deleted and data on songs immediately before and after the failed song are linked together. By virtue of this, when reproducing the recorded broadcast content, reproduction is advantageously prevented from being interrupted [on the midway] midway through it.

Page 5, replace the last paragraph bridging page 6 with the following new paragraph:

Preferably, the broadcast receiving apparatus further comprises supplement means acquiring an alternative broadcast content providing the same broadcast content as the broadcast content [of which recording], the recording of which has ended in failure, on the basis of the incidental information, the supplement means inserting the acquired alternative broadcast content into the linkage portion, to thereby achieve the supplement of the broadcast content. By virtue of this, the broadcast content lost due to the failure is obtained to achieve acquisition of a full broadcast content.

Page 8, replace the first paragraph below the heading "Description of the Preferred Embodiments" with the following new paragraph:

The present invention will now be described with reference to the drawings which illustrate [example] preferred embodiments thereof. These examples and drawings are provided to explain, and not to limit, the invention.

IN THE CLAIMS:

Please amend claims 11, 12, and 13 as follows:

11. (Amended) A [program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform steps for reception of broadcast content, said steps] method of receiving and storing a broadcast, comprising the steps of:

receiving broadcast content and incidental information that enables said broadcast content to be identified;

recording said broadcast content received;

promoting, when recording of a broadcast content has ended in failure, the recording of alternative broadcast content that provides the same content as said failed broadcast content, on the basis of said incidental information.

12. (Amended) A [program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform steps for reception of broadcast content, said steps] method of receiving and storing a broadcast, comprising the steps of:

receiving broadcast content and incidental information that enables said broadcast content to be identified;

recording said broadcast content received;

linking together, when recording of a broadcast content has ended in failure, content that is positioned immediately before and after said content of which recording has ended in failure, on the basis of said incidental information.

13. (Amended) A [program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform steps for reception of broadcast content, said steps] method of receiving and storing a broadcast, comprising the steps of:

receiving broadcast content and incidental information that enables said broadcast content to be identified;

recording said received broadcast content together with said incidental information;

comparing incidental information of a broadcast content to be newly recorded with incidental information of broadcast content that has already been recorded in said record means, to thereby perform processing precluding double recording of broadcast content.